Datasheet: MCA506F

**Description:** RAT ANTI HUMAN CD235a:FITC

**Specificity:** CD235a

**Other names:** GLYCOPHORIN A

**Format:** FITC

**Product Type:** Monoclonal Antibody

**Clone:** YTH89.1

**Isotype:** IgG2b

**Quantity:** 0.1 mg

## Product Details

### Applications

This product has been reported to work in the following applications. This information is derived from testing within our laboratories, peer-reviewed publications or personal communications from the originators. Please refer to references indicated for further information. For general protocol recommendations, please visit [www.bio-rad-antibodies.com/protocols](http://www.bio-rad-antibodies.com/protocols).

<table>
<thead>
<tr>
<th>Yes</th>
<th>No</th>
<th>Not Determined</th>
<th>Suggested Dilution</th>
</tr>
</thead>
<tbody>
<tr>
<td>Flow Cytometry</td>
<td></td>
<td></td>
<td>Neat</td>
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</tbody>
</table>

Where this antibody has not been tested for use in a particular technique this does not necessarily exclude its use in such procedures. Suggested working dilutions are given as a guide only. It is recommended that the user titrates the antibody for use in their own system using appropriate negative/positive controls.

### Target Species

Human

### Product Form

Ig Fraction conjugated to Fluorescein Isothiocyanate Isomer 1 (FITC) - liquid

### Max Ex/Em

<table>
<thead>
<tr>
<th>Fluorophore</th>
<th>Excitation Max (nm)</th>
<th>Emission Max (nm)</th>
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<tbody>
<tr>
<td>FITC</td>
<td>490</td>
<td>525</td>
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### Preparation

Ig fraction prepared by ammonium sulphate precipitation

### Buffer Solution

Phosphate buffered saline

### Preservative Stabilisers

- 0.09% Sodium Azide
- 1% Bovine Serum Albumin

### Approx. Protein Concentrations

IgG concentration 0.1mg/ml

### External Database Links

**UniProt:**

- [P02724](http://www.uniprot.org/uniprot/P02724)  
  Related reagents

**Entrez Gene:**

  GYPA  
  Related reagents
### Synonyms
GPA

### RRID
AB_322229

### Fusion Partners
Spleen cells from immunized DA rats were fused with cells of the Y3/Ag.1.2.3.

### Specificity
Rat anti Human CD235a antibody, clone YTH89.1 recognizes glycophorin A, a major sialoglycoprotein of the human erythrocyte membrane.

### References

### Storage
Store at +4°C or at -20°C if preferred.

This product should be stored undiluted.

Storage in frost free freezers is not recommended. This product is photosensitive and should be protected from light.

Avoid repeated freezing and thawing as this may denature the antibody. Should this product contain a precipitate we recommend microcentrifugation before use.

### Guarantee
18 months from date of despatch.

### Health And Safety Information

### Regulatory
For research purposes only
Related Products

**Recommended Negative Controls**

RAT IgG2b NEGATIVE CONTROL:FITC (MCA6006F)

**Recommended Useful Reagents**

HUMAN SEROBLOCK (BUF070A)
HUMAN SEROBLOCK (BUF070B)